



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Nishimura et al.

Date Mailed December 1, 2006

Patent No. 7,064,339

Issued: June 20, 2006

Application No. 10/816,467

Filed: March 31, 2004

Confirmation No. 8404

For: CHARGED-PARTICLE-BEAM MAPPING
PROJECTION-OPTICAL SYSTEMS AND
METHODS FOR ADJUSTING SAME

Examiner: James J. Leybourne

Art Unit: 2881

Attorney Reference No. 4641-68043-01

Certificate
DEC 07 2006
of Correction

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

The following printing errors were noted in comparing the printed patent with the papers in the attorneys' files:

Title page,

Insert below (63) Related U.S. Application Data:

--(30) Foreign Application Priority Data

April 28, 1998	(JP)	10-134473
June 12, 1998	(JP)	10-181499
December 22, 1998	(JP)	10-364416--

Column 12,

Line 40, "Rerresentatiibe" should be --representative--.

Column 24,

Lines 39-40, "secondary beam of charged beam of charged from the surface" should be --secondary beam of charged particles from the surface--.

DEC - 8 2006

Column 25,

Line 2, "Koehier" should be --Koehler--.

The undersigned mailed an executed Combined Declaration and Power of Attorney form with the U.S. Patent and Trademark Office on August 13, 2004, in response to Notice to File Missing Parts requirement. The Combined Declaration and Power of Attorney form referenced all the above-referenced related prior foreign applications (copy enclosed).

All of the above errors are attributable to the Patent Office, and a Certificate of Correction is enclosed to make formal notice of the errors in the referenced patent.

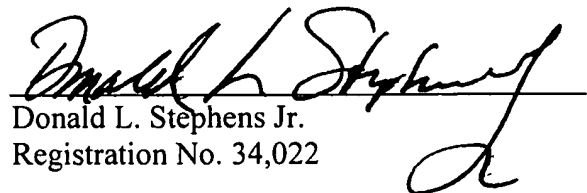
It is believed that no fees are required to file the accompanying Request for Certificate of Correction. However, if any fees are required, please charge said fees to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 595-5300
Facsimile: (503) 595-5301

By


Donald L. Stephens Jr.
Registration No. 34,022

cc: Client
Docketing

DEC - 8 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,064,339

DATED : June 20, 2006

INVENTOR(S) : Nishimura et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Insert below (63) Related U.S. Application Data:

--(30) Foreign Application Priority Data

April 28, 1998	(JP)	10-134473
June 12, 1998	(JP)	10-181499
December 22, 1998	(JP)	10-364416--

Column 12,

Line 40, "Rerresentatiibe" should be --representative--.

Column 24,

Lines 39-40, "secondary beam of charged beam of charged from the surface" should be --secondary beam of charged particles from the surface--.

Column 25,

Line 2, "Koehier" should be --Koehler--.

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

PATENT NO. 7,064,339
No. of add'l copies _____
(@ .30 per page)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Nishimura et al.

Date Mailed December 1, 2006

Patent No. 7,064,339

Issued: June 20, 2006

Application No. 10/816,467

Filed: March 31, 2004

Confirmation No. 8404

For: CHARGED-PARTICLE-BEAM MAPPING
PROJECTION-OPTICAL SYSTEMS AND
METHODS FOR ADJUSTING SAME

Examiner: James J. Leybourne

Art Unit: 2881

Attorney Reference No. 4641-68043-01

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

The following printing errors were noted in comparing the printed patent with the papers in the attorneys' files:

Title page.

Insert below (63) Related U.S. Application Data:

--(30) Foreign Application Priority Data

April 28, 1998	(JP)	10-134473
June 12, 1998	(JP)	10-181499
December 22, 1998	(JP)	10-364416--

Column 12.

Line 40, "Rerresentatiibe" should be --representative--.

Column 24.

Lines 39-40, "secondary beam of charged beam of charged from the surface" should be --secondary beam of charged particles from the surface--.

DEC - 8 2006

Column 25,

Line 2, "Koehier" should be --Koehler--.

The undersigned mailed an executed Combined Declaration and Power of Attorney form with the U.S. Patent and Trademark Office on August 13, 2004, in response to Notice to File Missing Parts requirement. The Combined Declaration and Power of Attorney form referenced all the above-referenced related prior foreign applications (copy enclosed).

All of the above errors are attributable to the Patent Office, and a Certificate of Correction is enclosed to make formal notice of the errors in the referenced patent.

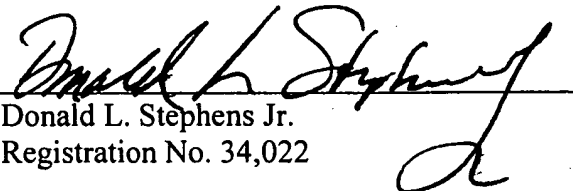
It is believed that no fees are required to file the accompanying Request for Certificate of Correction. However, if any fees are required, please charge said fees to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 595-5300
Facsimile: (503) 595-5301

By


Donald L. Stephens Jr.
Registration No. 34,022

cc: Client
Docketing

DEC - 8 2006.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,064,339

DATED : June 20, 2006

INVENTOR(S) : Nishimura et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Insert below (63) Related U.S. Application Data:

--(30) Foreign Application Priority Data

April 28, 1998	(JP)	10-134473
June 12, 1998	(JP)	10-181499
December 22, 1998	(JP)	10-364416--

Column 12,

Line 40, "Rerresentatiibe" should be --representative--.

Column 24,

Lines 39-40, "secondary beam of charged beam of charged from the surface" should be --secondary beam of charged particles from the surface--.

Column 25,

Line 2, "Koehier" should be --Koehler--.

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

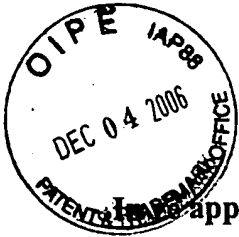
PATENT NO. 7,064,339
No. of add'l copies _____
(@ .30 per page)

Page 1 of 1

DEC - 8 2006

COPY

Attorney Reference Number 4641-68043-01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Nishimura et al.

Application No. 10/816,467

Filed: March 31, 2004

Confirmation No. 8404

For: CHARGED-PARTICLE-BEAM MAPPING
PROJECTION-OPTICAL SYSTEMS AND
METHODS FOR ADJUSTING SAME

Examiner: Not yet assigned

Art Unit: 2881

Attorney Reference No. 4641-68043-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP MISSING PARTS, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicant(s)

Date Mailed August 13, 2004

MAIL STOP MISSING PARTS
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

MISSING PARTS TRANSMITTAL LETTER

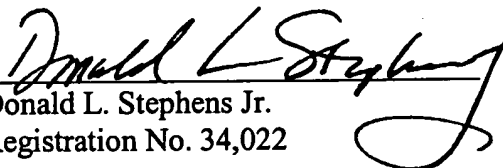
Enclosed for filing in the application referenced above are the following:

- ☒ Copy of Notice to File Missing Parts of Application--Filing Date Granted
 - ☒ Basic Filing Fee of \$770.00
 - ☒ Additional claim fee of \$456.00
 - ☒ Combined Declaration and Power of Attorney
 - ☒ Surcharge for Late Filing of Fee or Oath or Declaration
 - ☒ \$130.00 - All Others
 - ☒ A check in the amount of \$1,356.00 to cover the above-listed fees
 - ☒ Preliminary Amendment
 - ☒ Information Disclosure Statement
 - ☒ Form 1449 and references cited thereon
- ☒ The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

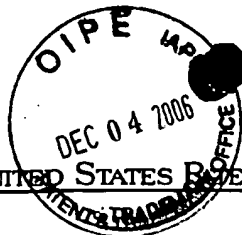
☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By 
Donald L. Stephens Jr.
Registration No. 34,022

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446
cc: Client
Docketing



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,467	03/31/2004	Hiroshi Nishimura	4641-68043

CONFIRMATION NO. 8404

FORMALITIES LETTER



OC000000012927484

24197
 KLARQUIST SPARKMAN, LLP
 121 SW SALMON STREET
 SUITE 1600
 PORTLAND, OR 97204

COPY

Date Mailed: 06/14/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$456 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$1356 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

- Total additional claim fee(s) for this application is **\$456**

- **\$258** for **3** independent claims over 3.
- **\$198** for **11** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

COPY

COPY

PATENT

DLS:dm 5/28/99 F05991US 4641-51803

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CHARGED-PARTICLE-BEAM MAPPING PROJECTION-OPTICAL SYSTEMS AND METHODS FOR ADJUSTING SAME, the specification of which

☐ is attached hereto.

☒ was filed on April 28, 1999, as application no. 09/302,075.

☐ was described and claimed in PCT International Application No. _____, filed on _____, and as amended under PCT Article 19 on _____ (if applicable).

☐ and was amended on _____ (if applicable).

☐ with amendments through _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses and claims subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 CFR § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
10-134473	Japan	28 April 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10-181499	Japan	12 June 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10-306490	Japan	28 October 1998	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10-364416	Japan	22 December 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Application Number

Filing Date

Page 1 of 5

DEC - 8 2006



I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)

(Filing Date)

(Status: patented,
Pending, abandoned)

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Name	Reg. No.	Name	Reg. No.
BEAN, Gregory V.	36,448	LEIGH, James S.	20,434
BECKER, Mark L.	31,325	MAURER, Gregory L.	43,781
BELL, Adam W.	43,490	MEYER, Joel R.	37,677
CALDWELL, Lisa M.	41,653	NOONAN, William D.	30,878
CAMPBELL, James	19,978	PETERSEN, David P.	28,106
CONINGSBY, Donna J.	41,684	POLLEY, Richard J.	28,107
CONWELL, William Y.	31,943	SCOTTI, Robert F.	39,830
DeGRANDIS, Paula A.	43,581	SLATER, Stacey C.	36,011
GIRARD, Michael P.	38,467	STEPHENS JR., Donald L.	34,022
JAKUBEK, Joseph T.	34,190	STUART, John W.	24,540
JOHNSON, Michelle L.	36,352	VANDENBERG, John D.	31,312
JONES, Michael D.	41,879	WHINSTON, Arthur L.	19,155
KLARQUIST, Kenneth S.	16,445	WIGHT, Stephen A.	37,759
KLITZKE II, Ramon A.	30,188	WINN, Garth A.	33,220

Address all telephone calls to Donald L. Stephens Jr. at telephone number (503) 226-7391.

Address all correspondence to:

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP
One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, OR 97204-2988

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

PATENT

States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or first Inventor: HIROSHI NISHIMURA

Inventor's Signature Hiroshi Nishimura

June 3, 1999
Date

Residence: Zushi-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Second Joint Inventor, if any: NAOTO KIHARA

Inventor's Signature Naoto Kihara

June 2, 1999
Date

Residence: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Third Joint Inventor, if any: KINYA KATO

Inventor's Signature Kinya Kato

June 1
Date

Residence: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Fourth Joint Inventor, if any: TORU TAKAGI

Inventor's Signature

Toru Takagi

June 1 1999
Date

Residence: Kawasaki-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Fifth Joint Inventor, if any: AKIHIRO GOTO

Inventor's Signature

Akihiro Goto

June 1 1999
Date

Residence: Setagaya-ku, Tokyo, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Sixth Joint Inventor, if any: JUNJI IKEDA

Inventor's Signature

Junji Ikeda

June 9 1999
Date

Residence: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN

Full Name of Seventh Joint Inventor, if any: KAZUYA OKAMOTO

Inventor's Signature

Kazuya Okamoto

June 8, 1999
Date

Residence: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Post Office Address: c/o Nikon Corporation
Intellectual Property Headquarters
Fuji Building
2-3, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100 JAPAN